COBUS Nesting

Optimal Rectangular or True Shape Nesting

CAD / CAM

COBUS NCAD

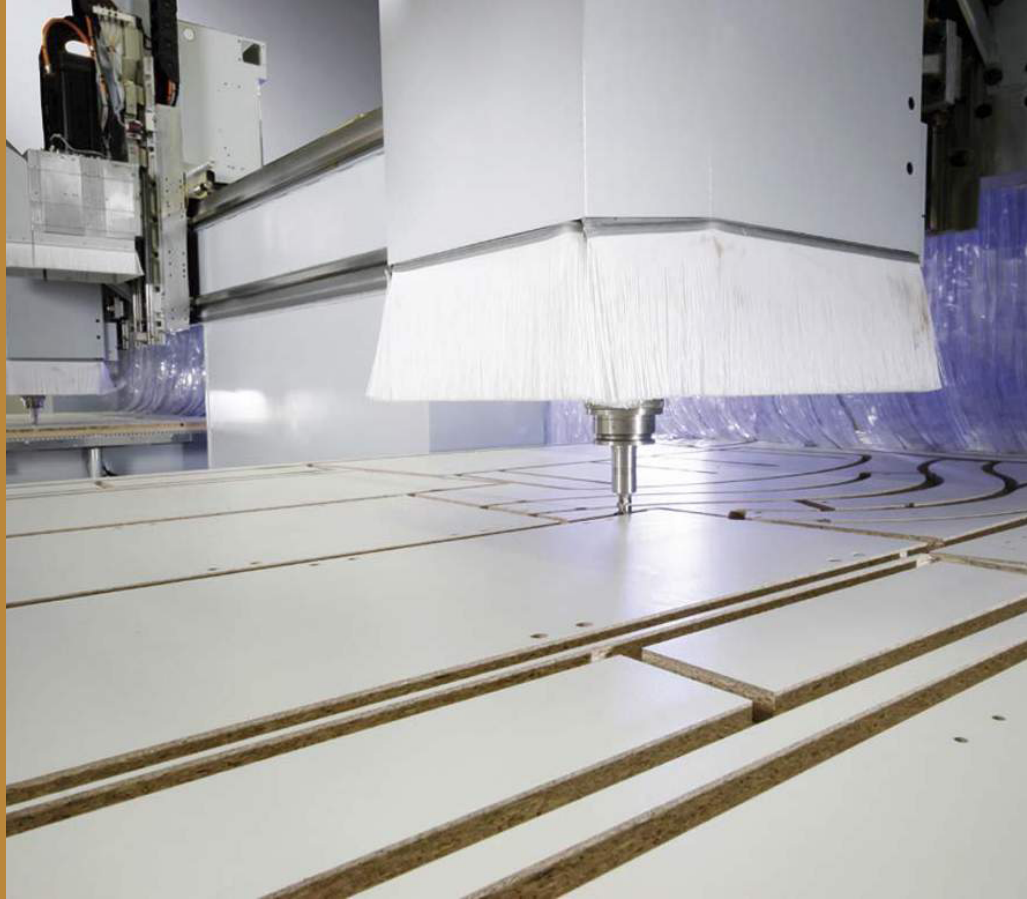## Achieving the Highest Material Yield

COBUS Nesting is a useful resource for many industries, be it: cabinet-makers, closets, nautical or furniture. The nesting module calculates the most efficient pattern that can be made of a group of parts that are to be placed on a sheet/s of material and generates the corresponding CNC file for the nesting pattern to be sent to the machine. Manual placement of parts is eliminated, efficiency in both material and time used skyrockets.

Various machining options are available in the Standard Nesting module: Lead-in and lead-out strategies, integrated tool optimization, and solutions to solve part movement problems created by loss of suction on the router table.

Reports can be generated, for instance a graphic of the nesting pattern can be created and given to the machine operator and barcodes can be printed for each part.

Order **FRONTDEMO1**	COBUS ConCept
Part Ref: 00000210	Sheet: 1
FRONTDEMO1_0001.FMC	Index 10
L: 650,0 B: 330,0	0 0 0 0 0 2 1 0 1 0

Order **FRONTDEMO1**	COBUS ConCept
Part Ref: 00000210	Sheet: 1
FRONTDEMO1_0001.FMC	Index 11
L: 650,0 B: 330,0	0 0 0 0 0 2 1 0 1 1

Order **FRONTDEMO1**	COBUS ConCept
Part Ref: 00000209	Sheet: 1
FRONTDEMO1_0001.FMC	Index 13
L: 425,0 B: 400,0	0 0 0 0 0 2 0 9 1 3

Order **FRONTDEMO1**	COBUS ConCept
Part Ref: 00000209	Sheet: 1
FRONTDEMO1_0001.FMC	Index 14
L: 425,0 B: 400,0	0 0 0 0 0 2 0 9 1 4

Part placement and tool optimization are all automatically calculated in order to achieve the best efficiency, the best use of time, and overall, the best bang for your buck
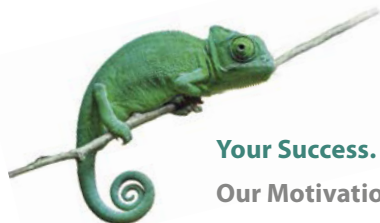
Quantifiable results and peace of mind

- Nesting from parametric NCAD programs
- Nesting from construction files
- Calculation of material sheets required
- Shows the nominal and actual quantities in the nesting result
- Automatic scrap cutting
- Automatic label printing
- Data transfer from Parametric Parts lists and ERP-Systems
- Machine run-time calculations
- Automatic CNC generation
- Touchscreen compatible

COBUS ConCept is:

With more than 20 years of experience providing mid-sized manufacturers professional IT development and implementation, COBUS ConCept has become a trusted and reliable partner for Woodworking manufacturers around the world. Based in Germany, COBUS ConCept is dedicated to developing and perfecting software that helps manufacturers, especially those in woodworking, streamline their operation.

Your Success.
Our Motivation.

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